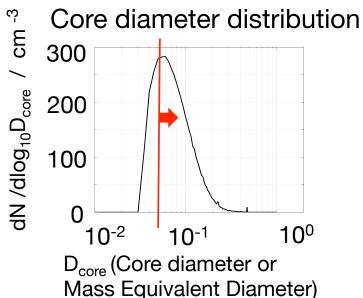
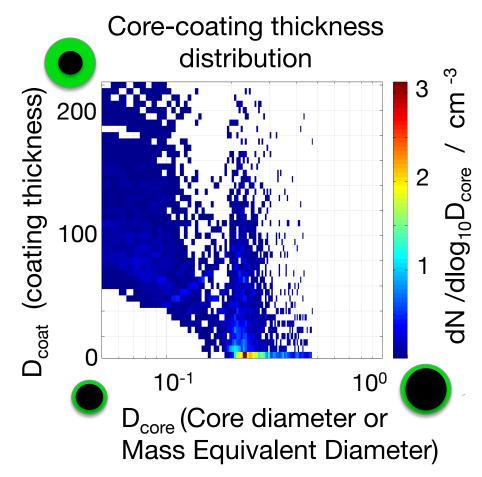
## Deriving BC size and mixing state distribution from SP2

Assumed: Spherical shape Core-shell structure



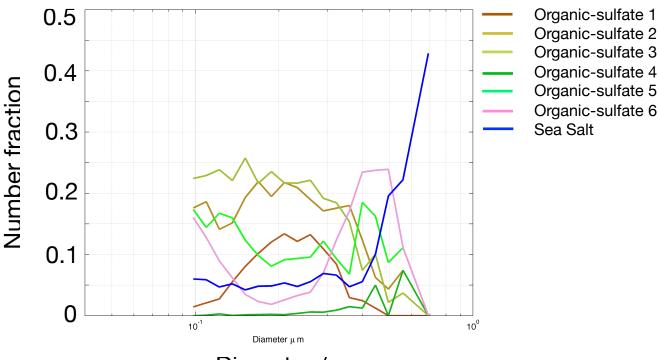






## Deriving size and mixing state distribution from SPLAT- II

## SPLAT-II –measurement size-resolved number fraction



Diameter / µm

We consider 7 classes from SPLAT, <u>6 organic-sulfate and sea salt.</u> Pacific North They occupy about 75%-80% of number concentration.

## Deriving size and mixing state distribution from SPLAT- II and SP2

